

## JUDITH A. CURRY

### Education

- 1982 Ph.D. The University of Chicago, Geophysical Sciences  
1974 B.S. cum laude Northern Illinois University, Geography

### Professional Experience

- 2006-present President, Climate Forecast Applications Network, LLC  
2016-present Professor Emerita, School of Earth and Atmospheric Sciences, Georgia Tech  
2002-2014 Chair and Professor, School of Earth and Atmospheric Sciences, Georgia Tech  
1992-2002 Professor, University of Colorado-Boulder, Atmospheric and Oceanic Sciences  
1989-1992 Associate Professor, Department of Meteorology, Penn State  
1986-1989 Assistant Professor, Dept of Earth and Atmospheric Sciences, Purdue University  
1982-1986 Assistant Scientist, Dept of Meteorology, University of Wisconsin-Madison

### Awards/Honors

- 2017 Top 50 Women in STEM – Best Schools  
2007 Fellow, American Association for the Advancement of Science  
2006 Best Faculty Paper Award, Georgia Tech Sigma Xi  
2004 Fellow, American Geophysical Union  
1997 Elected Councilor, American Meteorological Society  
1995 Fellow, American Meteorological Society  
1992 Henry G. Houghton Award, the American Meteorological Society  
1988 Presidential Young Investigator Award, the National Science Foundation

### Professional Activities

#### World Meteorological Organization / International Council of Scientific Unions / International Ocean Commission / World Climate Research Programme

- Global Energy and Water Experiment (GEWEX) Radiation Panel (1994-2004)
- GEWEX Cloud System Studies (GCSS) Science Steering Group (1998-2004)
- Chair, GCSS Working Group on Polar Clouds (1998-2004)
- Chair, GEWEX Radiation Panel SEAFLUX Project (1999-2004)
- Science Steering Group, Arctic Climate System (ACSYS) Programme (1994-2000)

#### National Research Council – National Academies

- Space Studies Board (2004-2007)
- Climate Research Committee (2003-2006)

#### U.S. Federal Agencies

- DOE Biological & Environmental Research Advisory Committee (BERAC) (2012-2015)
- Earth Science Subcommittee, NASA Advisory Council (2009-2013)
- External Advisory Board, NCAR Atmospheric Technology Division (2004-2006)
- Science Board, DOE ARM Climate Reference Facility, (2008-2011)
- External Review Committee, COSIM Program, Los Alamos National Laboratory (2007)
- NOAA Climate Working Group (2004-2009)

#### Professional Societies

- Executive Committee, American Physical Society Topical Group on Physics of Climate (2013-2016)

- Member, Fellows Committee, American Geophysical Union (2013-2014)
- Executive Committee of the Council, American Meteorological Society (1998-2000)
- Councilor, American Meteorological Society (1997-2000)

### **Books**

- Khvorostyanov, V.I. and J.A. Curry, 2014: *Kinetics and Thermodynamics of Clouds and Precipitation*. Cambridge University Press, Cambridge University, 762 pp
- Curry, J.A. and P.J. Webster, 1999: *Thermodynamics of Atmospheres and Oceans*. Academic Press, London, 467 pp
- Holton, J.P., J.A. Curry, and J. Doyle, eds., 2003: *Encyclopedia of Atmospheric Sciences*. Academic Press, London, 6244 pp.

### **Refereed Publications**

190 refereed journal publications:

[https://scholar.google.com/scholar?hl=en&as\\_sdt=0%2C29&q=Judith+Curry+citations&oq=Judith+C](https://scholar.google.com/scholar?hl=en&as_sdt=0%2C29&q=Judith+Curry+citations&oq=Judith+C)

### **Summary of Research Expertise**

Climate dynamics; sea ice; clouds and radiation; climate feedbacks; air-sea interactions; weather extremes; tropical cyclones; sea level rise; weather and climate prediction; decision making under uncertainty

### **Congressional Testimony**

- Testimony, House Committee on Natural Resources, “Climate Change: The Impacts and the Need to Act,” 2/6/19
- Testimony, House Committee on Science, Space and Technology, “Using Technology to Address Climate Change,” 5/16/18
- Testimony, House Committee on Science Space and Technology, “Climate Science: Assumptions, Policy Implications and the Scientific Method,” 3/29/17
- Testimony, Senate Subcommittee on Space, Science and Competitiveness, “Data or Dogma? Promoting Open Inquiry in the Debate Over the Magnitude of Human Impact on Climate Change,” 12/8/15
- Testimony, House Committee on Science, Space and Technology, “The President’s U.N. Climate Pledge,” 4/15/15
- Testimony, Senate Environment and Public Works, “President’s Climate Action Plan,” 1/16/14
- Testimony, House Subcommittee on Energy & Environment, “Policy Relevant Climate Issues in Context”, 4/26/13
- Testimony, House Subcommittee on Energy & Environment, “Rational Discussion of Climate Change: the Science, the Evidence, the Response,” 11/17/10
- Testimony, House Select Committee on Energy Independence and Global Warming, “Dangerous Climate Change,” 4/26/07
- Testimony, House Reform Committee, “Hurricanes and Global Warming,” 7/20/06